**Math 11 Foundations: Ch 8 Final Task – Scale Model** **/8** **Name:**

**Due by the end of today’s class**

**Instructions:**

* Go online and choose a famous building, structure or feature.
* Record the dimensions of it on a quick sketch – as detailed as possible. (More than just the basic 3 dimensions.)
* Choose a scale so your final diagram uses most of the space on the back of this page (27.5 cm tall) – choose an appropriate scale to accomplish this.

What object have you chosen?

* Scale the object’s dimensions. Show a sample calculation.
* Draw a scale diagram of your chosen object on the back of this page.
* Calculate either the surface area or the volume of your object.

Calculated dimensions for your scale drawing:

Quick sketch with actual dimensions (more than 3) labelled:

Sample Calculation:

What scale are you using? So your object will fit on most of the back of this page (27.5 cm tall).

1 cm on diagram = \_\_\_\_\_\_\_\_ on real object

Surface Area or Volume calculation:

**Scale Drawing**: Fill as much of this 27.5 cm page as possible with your accurate and labelled scale drawing.